

1 **ABSTRACT OF THE DISCLOSURE**

2 Systems and methods for optimizing the use and availability of storage space in a
3 video data recording system. An intelligent disk recording and management system
4 selectively assigns tags to determine the manner and/or priority of recording programs onto
5 a storage device and the priority of maintaining the programs on the storage device once
6 the programs are recorded. The tags are automatically assigned based on known user
7 preferences or are assigned by the viewer, and can be modified once a program is replayed.
8 The tags allow the system to automatically determine whether or not to record over a
9 previously recorded program and which previously recorded program to record over so as
10 to allow the storage device to be more efficiently and optimally used. The system further
11 includes an interface that provides improved assistance and explanations that relate to the
12 recording of programs and the maintaining of the recorded programs on the storage device.

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